

Name:

Date:

**Grade 3
Mathematics Probe
Form B**

1. A small square (?) above is equal to 1. There are 10 small squares in each strip. There are 100 small squares in each large square. How many hundreds are there?

_____ hundreds _____

2. Which statement is true?

- A. $302 > 320$
- B. $440 > 446$
- C. $512 > 509$
- D. $283 < 194$

3. The census showed that four thousand, eighty-two people lived in Westburg. Written as a number, that is

- A. 482
- B. 4,82
- C. 4,082
- D. 4,820

4. Write the number three thousand ten?

5. Julia noticed that a sign said

Memphis 705 miles

Write 705 in words.

- A. seven oh five
- B. seven and five
- C. seventy five
- D. seven-hundred five

6. There are 32 bags of popcorn to serve 25 children. If each child is to have at least one bag, at most **how many of the children can have more than one?**

children

7. The third grade received about 170 letters from penpals in other states. The fourth grade class collected almost the same number of letters. Using her calculator, Maria found the exact total of all the letters received by both grades. Which calculator could be hers?

- A.
- B.
- C.
- D.

8. $84 + 29$ is _____.

- A. less than 100
- B. between 100 and 110
- C. between 110 and 120
- D. more than 120

9. What is the closest estimate of
 $2 + 157 + 325$?

- A. 5
- B. 50
- C. 500
- D. 5000

10. If Marcus had 77¢ in his hand, what is the most number of quarters he could have?

 quarters

11. Which is another way to write
 $(3 + 4) \times 2$?

- A. 7×2
- B. $3 + 8$
- C. 12×2
- D. 6×4

12. Which shows $\frac{1}{2}$ of the picture shaded?

A.

B.

C.

D.

13. A pattern of shapes is to be repeated many times. The figure above shows one completed pattern and the beginning of the next. Draw the shape that comes next.

14. Sally is shorter than Ronnie. Sally is taller than Michael. Denise's height is between Sally's height and Ronnie's height. Who is the tallest person?

- A. Denise
- B. Michael
- C. Ronnie
- D. Sally

15. Sarah placed cookies on a cookie sheet to form 3 rows with 5 cookies in each row. Draw an array that shows how the cookies may have looked.

16. On Sunday Hector played video games.
On Wednesday he played video games for 2 hours.
On Saturday he played video games for 5 hours.
Hectors mother noticed that he played 11 hours of video games during the week.
How many hours did he play video games on Sunday?

_____hours

17.

apple	egg	milk	butter
8 ounces	2 ounces	4 pounds	16 ounces

In the figure above, which object weighs the most?

18. Rachel says that if a figure has four sides, it must be a square. Paulette does not agree. Draw a shape to show that Paulette is correct.

19. Which of the following has the same shape as a sphere?

- A. An egg
- B. A book
- C. A basketball
- D. A can of soup

20. Which of the following is the most reasonable amount for a child to grow in one year?

- A. 2 miles
- B. 2 yards
- C. 2 inches
- D. 2 feet

21. Which is usually measured in gallons?

- A. The speed a car travels
- B. Gas for a car
- C. The length of a car
- D. Air pressure in the tires of a car

22. In the figure above, points labeled A through G are spaced evenly along a line segment. What is the distance from point B to point F?

- A. 5 units
- B. 4 units
- C. 7 units
- D. 3 units

23.

The figure above is shaded on the top side and white on the under side. If the figure were flipped over, its white side could look like which of the following figures?

A.

B.

C.

D.

24. The balls in this picture are placed in a box and a child picks one without looking. What is the probability that the ball picked will have stripes?

- A. 1 out of 4
- B. 2 out of 4
- C. 1 out of 2
- D. 2 out of 1

25.

Class	Free Throws	Sit-ups
Mr. Brown	340	600
Ms. White	328	556
Mrs. Green	347	642

Write a title for this graph.
